

COPY

10066250 .053403 Page 1 of 1



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/086,250	03/04/2002	David F. Sorrells	1744.0140006

CONFIRMATION NO. 1369

26111  
STERNE, KESSLER, GOLDSTEIN & FOX PLLC  
1100 NEW YORK AVENUE, N.W., SUITE 600  
WASHINGTON, DC 20005-3934



FORMALITIES LETTER



\*OC000000007879043\*

Date Mailed: 04/17/2002

NOTICE TO FILE CORRECTED APPLICATION PAPERS

*Filing Date Granted*

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

Drawing Due June 17, 2002

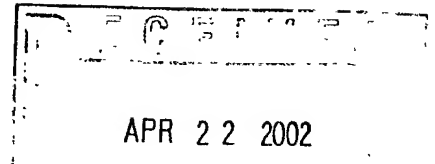
STAT BAR November 17, 2002

A copy of this notice **MUST** be returned with the reply.

*Handwritten signature: Ahmad*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



*Handwritten initials: MQL, JSW*

*Handwritten dates: 4/23, 4/23*



Robert Greene Sterne  
Edward J. Kessler  
Jorge A. Goldstein  
David K.S. Cornwell  
Robert W. Esmond  
Tracy-Gene G. Durkin  
Michele A. Cimbala  
Michael B. Ray  
Robert E. Sokohl  
Eric K. Steffe  
Michael Q. Lee  
Steven R. Ludwig  
John M. Covert  
Linda E. Alcorn  
Robert C. Millonig  
Lawrence B. Bugarsky  
Donald J. Featherstone  
Michael V. Messinger  
Judith U. Kim  
Timothy J. Shea, Jr.

Patrick E. Garrett  
Jeffery T. Helvey\*  
Heidi L. Kraus  
Crystal D. Sayles  
Edward W. Yee  
Albert L. Ferro\*  
Donald R. Banowit  
Peter A. Jackman  
Molly A. McCall  
Teresa U. Medler  
Jeffrey S. Weaver  
Kendrick P. Patterson  
Vincent L. Capuano  
Albert J. Fasulo II\*  
Eldora Ellison Floyd  
W. Russell Swindell  
Thomas C. Fiala  
Brian J. Del Buono\*  
Virgil Lee Beaston\*  
Reginald D. Lucas\*

Kimberly N. Reddick  
Theodore A. Wood  
Elizabeth J. Haanes  
Bruce E. Chalker  
Joseph S. Ostroff  
Frank R. Cottingham\*  
Christine M. Lhulier  
Rae Lynn Prengaman\*  
Jane Shershenovich\*  
Lawrence J. Carroll\*  
George S. Bardmesser

Senior Counsel  
Samuel L. Fox  
Kenneth C. Bass III

Registered Patent Agents  
Karen R. Markowicz  
Andrea J. Kamage

Nancy J. Leith  
Joseph M. Conrad III  
Ann E. Summerfield  
Helene C. Carlson  
Gaby L. Longworth  
Matthew J. Dowd  
Aaron L. Schwartz  
Angelique G. Uy  
Boris A. Matvenko  
Mary B. Tung  
Katrina Y. Pei  
Bryan L. Skelton  
Jason D. Eisenberg

\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Admitted only in Texas

May 31, 2002

WRITER'S DIRECT NUMBER:  
(202) 371-2674

INTERNET ADDRESS:  
MLEE@SKGF.COM

Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Utility Patent Application  
Appl. No. 10/086,250; Filed: March 4, 2002  
For: **Applications of Universal Frequency Translation**  
Inventors: Sorrells *et al.*  
Our Ref: 1744.0140006

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Letter to PTO Draftsman: Submission of Formal Drawings;
2. 58 sheets of Formal Drawings (Figures 1A-1D, 2-5, 6A-6I, 7-14, 15A-15F, 16-19, 20A, 20A-1, 20B-20F, 21, 22B-22F, 23A-23F, 24A-24J, 25-39, 40A, 40B, 41, 42A-42D, 43, and 44;
3. Copy of the Notice to File Corrected Application Papers;
4. Reply to Notice to File Corrected Application Papers; and
5. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are

Commissioner for Patents

May 31, 2002

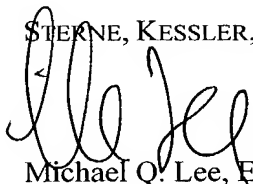
Page 2

necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael Q. Lee, Esq.  
Attorney for Applicants  
Registration No. 35,239

MQL/JSW/asl  
Enclosures

SKGF\_DC1.13059 1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sorrells *et al.*

Appl. No. 10/086,250

Filed: March 4, 2002

For: **Applications of Universal  
Frequency Translation**

Confirmation No. 1369

Art Unit: 2681

Examiner: To be assigned

Atty. Docket: 1744.0140006

**Reply to Notice to File Corrected Application Papers**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In reply to the "Notice to File Corrected Application papers," dated April 17, 2002, Applicants submit a "Letter to PTO Draftsman: Submission of Formal Drawings," with 58 sheets of formal drawings to supply substituted drawings in compliance with 37 C.F.R. § 1.84.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

REG. No. 45,608

For: Michael Q. Lee, Esq.  
Attorney for Applicants  
Registration No. 35,239

Date: 5-31-02

1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934  
(202) 371-2600



#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sorrells *et al.*

Appl. No. 10/086,250

Filed: March 4, 2002

For: **Applications of Universal  
Frequency Translation**

Confirmation No. 1369

Art Unit: 2681

Examiner: To be assigned

Atty. Docket: 1744.0140006

**Letter to PTO Draftsman: Submission of Formal Drawings**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith are 58 sheets of formal drawings with Figures 1A-1D, 2-5, 6A-6I, 7-14, 15A-15F, 16-19, 20A, 20A-1, 20B-20F, 21, 22B-22F, 23A-23F, 24A-24J, 25-39, 40A, 40B, 41, 42A-42D, 43, and 44, corresponding to the informal drawings submitted with the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these formal drawings into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael Q. Lee, Esq.  
Attorney for Applicants  
Registration No. 35,239

Date: 5/31/02

1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934  
(202) 371-2600